

Foreign Advertisements.

H. W. SEVERANCE,
HAWAIIAN CONSUL AND COMMISSION
RESIDENT, 218 California Street, San Francisco,
California. 217 Room No. 4.

GEORGE F. COFFIN & CO.,
SHIPPING AND COMMISSION MERCHANTS,
No. 15 Pine Street, Union Block,
SAN FRANCISCO.

JOHN HARVEY & CO.,
COMMISSION MERCHANTS AND WOOL
BROKERS,
Hamilton, Canada.

A. P. EVERETT,
Forwarding & Commission Merchant
405 FRONT STREET, CORNER CLAY
SAN FRANCISCO.

WILLIAMS, DIMOND & CO.,
Shipping & Commission Merchants,
No. 218 California Street,
SAN FRANCISCO.

W. H. CROSSMAN & BRO.,
Shipping and Commission
MERCHANTS,
115 Chambers Street, NEW YORK.

THE
RISDON
AND
LOCOMOTIVE WORKS

CORNER OF
Beale and Howard Streets,
SAN FRANCISCO, CALIFORNIA

W. H. TAYLOR, President,
JOS. MOORE, Superintendent.

BUILDERS OF
STEAM MACHINERY,
IN ALL ITS BRANCHES.

Steamboat,
Engines and Boilers,
High Pressure or Compound.

STEAM VESSELS of all kinds, built complete with
Hulls of Wood, Iron or Composite.

ORDINARY ENGINES compounded when advisable.
STEAM LAUNCHES, Barges and Steam Tugs
constructed with reference to the Trade in which they are to
be employed. Speed, tonnage and draft of water guaranteed.

SUGAR MILLS AND SUGAR MAKING
MACHINERY made after the most approved plans.
Also, all kinds of Iron Work constructed thoroughly.

WATER PIPE, of Boiler or Sheet Iron, of any size,
made in suitable lengths for connecting together, or sheets
rolled, punched, and packed for shipment, ready to be
erected on the ground.

HYDRAULIC RIVETING, Boiler Work and Water
Pipe made by this Establishment, Riveted by Hy-
draulic Riveting Machine, the quality of work being
superior to hand work.

SHIP WORK, Ship and Steam Captains, Steam Winches,
Air and Circulating Pumps, made after the most ap-
proved plans.

PUMPS, Direct Acting Pumps, for Irrigation or City Water
Works, purpose, built with the celebrated City Valve
Motion, superior to any other pump. 1877-78-79.

AGENTS for Worthington Duplex Steam Pump.
(ESTABLISHED 1862.)

INDIA RICE MILL!
CORNER OF
MISSION & FREMONT STS., SAN FRANCISCO, CAL.

THE INDIA RICE MILL AFTER SIX-
TEEN YEARS of practical experience and improve-
ment, is now the nearest to perfection of any of the Rice Mills
of the world. It is thoroughly constructed and polished, it
stands unrivaled; and to yield of Cleaned, Merchantable Rice
from the Paddy, produces from 5 to 8 per cent. more than
the ordinary Mills of the Coast.

THE INDIA RICE MILL is now in Perfect
Running Order for the

HULLING & DRESSING OF PADDY!
—AND—
UNCLEANED RICE,
From the Hawaiian Islands, to which it is Specially Adapted

CONSIGNMENTS OF
PADDY AND HULLED RICE!
Will Receive Prompt and Careful Attention.

WM. M. GREENWOOD,
General Commission Merchant and Proprietor of India Rice
Mill. 1879-80

The Challenge Standard

WIND-MILL!
THE ONLY SELF-REGULATING WIND-
MILL in the World, and when material used, Power,
Workmanship and Durability are considered, it is acknowl-
edged to be the

CHEAPEST WIND-MILL NOW IN USE
We are the ONLY Manufacturers in the World of
THE DOUBLE-HEADER WIND-MILL
For power purposes, such as running Custom
Grist Mills and Feed Mills.

ALWAYS VICTORIOUS AT FAIRS
And Practical Tests.
THE ABOVE MILLS, IN VARIOUS SIZES,
For Irrigation and Pumping Water for
Stock Farms or Family Use.
Two of the latter are now here and can be seen on ap-
plication to the undersigned.
For further particulars, apply to
JAMES S. LEMON,
HONOLULU, H. I.

Chr. Gertz,
80 FORT STREET,
Importer and Dealer in
Gents', Ladies' & Children's Shoes,
—HAS—
JUST RECEIVED
A GREAT VARIETY OF
Boots, Shoes & Slippers,
—ALSO—
Ladies' White Kid Button Boots.

Foreign Advertisements.

IMPORTANT FOR
Watchmakers!
IMPORTANT for EVERYBODY

The Rodanow Manufacturing Company, (limited)—Capital
\$250,000, Boston, (Massachusetts) will manufacture, for
any single watch, to any part of the world at wholesale
price, i. e., 35 per cent. cheaper than any watchmaker,
as one of them are manufacturing watches themselves, but only
buying them from here. We call the particular attention of
every one intending to purchase a first-class reliable watch
to our following price list:

Key-Winding Watches.
Silver Watch, Hunting case, engraved, highly finished, 2.50
Silver Watch, Skeleton movement, Extra Jewel, steel
double cover, 5.00
Gold Watch, Jeweled, Hunting case, 7.50
Gold Watch, Jeweled, Hunting case, 9.00
Gold Watch, Hunting case, Superior Nickel Movement,
best quality with all the latest improvements, 10.75

KEYLESS WATCHES.
(Stem-Winders.)
The Keyless mechanism of a watch is one of the great modern
improvements in watch work. It does away with the ob-
solete key, with which so many persons have ruined their
watches. The watch is wound by turning a small knob
on the handle or lower instead of by the ordinary
means of the hands are set in the same way. The advantage
of these improvements are obvious, as they never need
be opened in winding, is made air-tight and dust-tight, thus
preventing much longer the fluidity of the oil, and greatly pro-
longing the intervals between the necessary cleaning of the
watch.

Silver Keyless Watch, Lever Movement, Flat, Jeweled,
Crystal Glass, 4.25
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Gold Keyless Watch, Lever Movement, Flat, Jeweled,
Crystal Glass, 15.00
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THE PACIFIC
Commercial Advertiser.

SATURDAY, DECEMBER 18, 1880.

The Chicken King.

Mr. Baker's poultry farm is situated on the
Hudson River, about two miles from the railroad
station of Cresskill, N. J., and is called "Clif-
dale."

Mr. Baker endeavors to raise a good many
eggs. He has 2000 laying hens of various
breeds, selected for superior laying qualities.
They are both thoroughbred and grades, and
principally Asiatic, Houdans, Leghorns, colored
Dorkings, and Spanish. Sittling fowls are not
desired. These hens are kept in an immense
laying-house, which is the largest building on
the place. This vast structure is 400 feet long,
divided into 75 pens, each pen divided into three
rooms or divisions. The pens extend clear
through from the front to the back, being 6 feet
wide by 20 feet in depth. The front of the lay-
ing-house is glazed. The floors are graveled,
and kept dry under-drainage. The front
division of each pen is covered on top and outside
with open mesh-work, which in fine weather in the
winter allows open air and a small run for the
fowls. The middle section of each pen has a
cush that raises or lowers at pleasure, and thus
can cut off and enclose the rear sections of the
open. In each pen is kept an average of 25
fowls laying eggs.

The feeding of the laying hens is done from the
rear of the pens. There is a narrow tramway
running the full length of the entire building,
and on this tramway two small truck-wagons
are rolled, starting from each end and meeting in
the middle. The pens for each section are four
feet wide. Each truck is tended by a keeper,
who deposits the feed in little hoppers in each
pen for the chickens. Small pipes convey
fresh water from a tank at the rear of the build-
ing, and have gravel packed under them to drain
off any dampness. The house is heated in win-
ter by hot-water pipes, and kept at a continuous
summer-heat. Warmth and stimulating food
keep the hens vigorous during the cold
weather. The feed used is varied. It has been
found that the fowls do best upon a changing
and nutritious diet. Meats of every kind, scraps,
grains, bran, ground alfalfa, ground bone,
shells, shorts, and fresh meat, all of which are
given to them in plentiful abundance.

But this army of hens cannot begin to produce
the vast number of eggs required by Mr. Baker,
and as the most brilliant invention has not yet
been able to artificially produce these many lit-
tle gems of the luscious spring chicken, he has
to buy thousands of eggs, he pays \$5 a hundred
for fresh fertile eggs, and will take them away in
any quantity and at any time.

One of the vast buildings on this farm is the
incubating and brooding house. It consists of a
large two-and-a-half story structure, attached to
an immense glass house, 158 feet long, 39 feet
wide, and 15 feet high, the glass building being
the "brooding house" which is divided into 50
apartments, 25 on each side. The two-and-a-
half-story building is a dwelling for the attend-
ants, besides containing Mr. Baker's office, din-
ing-hall, and incubating rooms above, and below
in the basement heating apparatus, store-rooms,
electric battery apartment, and boiler room. The
incubating rooms are two in number, next to the
battery chamber. These incubating rooms are
20 feet square, with double windows, having
three ranges of large oblong incubators, having
the center, and a smaller running round the en-
tire length of the four sides of the Western Pacific
Incubators have each eight tiers of shallow draw-
ers, one above for the eggs. We thus have in
each room 1120 tiers of these shallow egg drawers,
capable of holding 8000 eggs at one time, and
turning out 14000 chickens a year.

The incubators are heated by gas machine a single
gas-jet is kept burning, which heats the water
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